

L11 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 2001:709541 CAPLUS

DN 135:285292

TI Prediction of functionally important residues based solely on the computed energetics of protein structure

AU Elcock, Adrian H.

CS Department of Biochemistry, University of Iowa, Iowa City, IA, 52242-1109,  
USA

SO J. Mol. Biol. (2001), 312(4), 885-896

CODEN: JMOBAK; ISSN: 0022-2836

PB Academic Press

DT Journal

LA English

RE.CNT 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 2000:548490 CAPLUS

DN 133:205744

TI Mitochondrial uncoupling: role of uncoupling protein anion carriers and relationship to thermogenesis and weight control "The Benefits of Losing Control"

AU Diehl, Anna Mae; Hoek, Jan B.

CS Department of Medicine, The Johns Hopkins University, Baltimore, MD, 21205, USA

SO J. Bioenerg. Biomembr. (1999), 31(5), 493-506

CODEN: JBBID4; ISSN: 0145-479X

PB Kluwer Academic/Plenum Publishers

DT Journal; General Review

LA English

RE.CNT 135 THERE ARE 135 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 2000:446339 CAPLUS

DN 133:190133

TI Recursive use of evolutionary conservation data in molecular modeling of membrane proteins: A model of the multidrug H<sup>+</sup> antiporter EmrE

AU Torres, Jaume; Arkin, Isaiah T.

CS Cambridge Centre for Molecular Recognition, Department of Biochemistry, University of Cambridge, Cambridge, CB2 1GA, UK

SO Eur. J. Biochem. (2000), 267(12), 3422-3431

CODEN: EJBCAI; ISSN: 0014-2956

PB Blackwell Science Ltd.

DT Journal

LA English

RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 2000:412126 CAPLUS

DN 133:172979

TI A phylogenetically conserved NAD<sup>+</sup>-dependent protein deacetylase activity in the Sir2 protein family

AU Smith, Jeffrey S.; Brachmann, Carrie Baker; Celic, Ivana; Kenna, Margaret A.; Muhammad, Shabazz; Starai, Vincent J.; Avalos, Jose L.; Escalante-Semerena, Jorge C.; Grubmeyer, Charles; Wolberger, Cynthia; Boeke, Jef D.

CS Department of Molecular Biology and Genetics, Johns Hopkins University School of Medicine, Baltimore, MD, 21205, USA

SO Proc. Natl. Acad. Sci. U. S. A. (2000), 97(12), 6658-6663

CODEN: PNASA6; ISSN: 0027-8424

PB National Academy of Sciences

DT Journal

LA English

RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 2000:311316 CAPLUS

DN 133:173526

TI Structural changes induced by binding of the high-mobility group I protein to a mouse satellite DNA sequence

AU Slama-Schwok, A.; Zakrzewska, K.; Leger, G.; Leroux, Y.; Takahashi, M.; Kas, E.; Debey, P.

CS INRA 806/EA2703 Museum National d'Histoire Naturelle, INRA 806/EA2703 Museum National d'Histoire Naturelle, Institut de Biologie Physico-Chimique, Paris, Fr.

SO Biophys. J. (2000), 78(5), 2543-2559

CODEN: BIOJAU; ISSN: 0006-3495

PB Biophysical Society

DT Journal

LA English

RE.CNT 76 THERE ARE 76 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 2000:202802 CAPLUS

DN 132:304751

TI Evidence for evolutionarily conserved secondary structure in the H19 tumor suppressor RNA

AU Juan, Veronica; Crain, Chad; Wilson, Charles

CS Department of Biology, Sinsheimer Laboratories, University of California at Santa Cruz, CA, 95064, USA

SO Nucleic Acids Res. (2000), 28(5), 1221-1227

CODEN: NARHAD; ISSN: 0305-1048

PB Oxford University Press

DT Journal

LA English

RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 1999:705749 CAPLUS

DN 132:89518

TI Mechanisms of protein translocation into mitochondria

AU Voos, W.; Martin, H.; Krimmer, T.; Pfanner, N.

CS Hermann-Herder-Str. 7, Institut fur Biochemie und Molekularbiologie, Universitat Freiburg, Freiburg, D-79104, Germany

SO Biochim. Biophys. Acta (1999), 1422(3), 235-254

CODEN: BBACAQ; ISSN: 0006-3002

PB Elsevier Science B.V.

DT Journal; General Review

LA English

RE.CNT 189 THERE ARE 189 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 1999:539037 CAPLUS

DN 131:297046

TI Disulfide-linked propeptides stabilize the structure of zymogen and mature pancreatic serine proteases

AU Kardos, Jozsef; Bodi, Arpad; Zavodszky, Peter; Venekei, Istvan; Graf, Laszlo

CS Department of Biochemistry and Biotechnology Research Group of the Hungarian Academy of Sciences, Eoetvoes University, Budapest, H-1088, Hung.

SO Biochemistry (1999), 38(38), 12248-12257

CODEN: BICHAW; ISSN: 0006-2960

PB American Chemical Society

DT Journal

LA English

RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 1999:470633 CAPLUS

DN 131:226650

TI A complex pattern of evolutionary conservation and alternative polyadenylation within the long 3'-untranslated region of the methyl-CpG-binding protein 2 gene (MeCP2) suggests a regulatory role in gene expression

AU Coy, Johannes F.; Sedlacek, Zdenek; Bachner, Dietmar; Delius, Hajo; Poustka, Annemarie

CS Deutsches Krebsforschungszentrum, Heidelberg, 69120, Germany

SO Hum. Mol. Genet. (1999), 8(7), 1253-1262

CODEN: HMGEES; ISSN: 0964-6906

PB Oxford University Press

DT Journal

LA English

RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 1999:107603 CAPLUS

DN 130:308380

TI Conservative Electrostatic Potential Patterns at Enzyme Active Sites: The Anion-Cation-Anion Triad

AU Gerczei, Timea; Asboth, Bence; Naray-Szabo, Gabor

CS Department of Theoretical Chemistry, Eotvos University Budapest, Budapest, H-1518, Hung.

SO J. Chem. Inf. Comput. Sci. (1999), 39(2), 310-315

CODEN: JCISD8; ISSN: 0095-2338

PB American Chemical Society

DT Journal

LA English

RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 1999:3931 CAPLUS

DN 130:205753

TI Structural organization and mutational analysis of the human uncoupling

protein -2 (hUCP2) gene

AU Tu, N.; Chen, H.; Winnikes, U.; Reinert, I.; Marmann, G.; Pirke, K. M.; Lentes, K.-U.

CS Laboratory of Molecular Neurogenetics, Center for Psychobiological and Psychosomatic Research (FPP), University of Trier, Trier, D-54290, Germany

SO Life Sci. (1998), Volume Date 1999, 64(3), PL41-PL50

CODEN: LIFSAK; ISSN: 0024-3205

PB Elsevier Science Inc.

DT Journal

LA English

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L11 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 1998:492609 CAPLUS

DN 129:227137

TI A family of fatty acid transporters conserved from mycobacterium to man

AU Hirsch, David; Stahl, Andreas; Lodish, Harvey F.

CS Whitehead Institute for Biomedical Research, Cambridge, MA, 02142-1479, USA

SO Proc. Natl. Acad. Sci. U. S. A. (1998), 95(15), 8625-8629

CODEN: PNASA6; ISSN: 0027-8424

PB National Academy of Sciences

DT Journal

LA English

L11 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 1998:433845 CAPLUS

DN 129:186041

TI Sequence-alignment modeling and molecular docking studies of the epoxygenase component of alkene monooxygenase from Nocardia corallina B-276

AU Gallagher, Stephen C.; George, Ashley; Dalton, Howard

CS Department of Biological Sciences, University of Warwick, Coventry, CV4 7AL, UK

SO Eur. J. Biochem. (1998), 254(3), 480-489

CODEN: EJBCAI; ISSN: 0014-2956

PB Springer-Verlag

DT Journal

LA English

L11 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 1998:208997 CAPLUS

DN 128:292061

TI Crystal Structure of Y34F Mutant Human Mitochondrial Manganese Superoxide

Dismutase and the Functional Role of Tyrosine 34

AU Guan, Yue; Hickey, Michael J.; Borgstahl, Gloria E. O.; Hallewell, Robert A.; Lepock, James R.; O'Connor, Don; Hsieh, Yunsheng; Nick, Harry S.; Silverman, David N.; Tainer, John A.

CS Department of Molecular Biology, Scripps Research Institute, La Jolla, CA, 92037, USA

SO Biochemistry (1998), 37(14), 4722-4730  
CODEN: BICHAW; ISSN: 0006-2960

PB American Chemical Society

DT Journal

LA English

L11 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 1996:140992 CAPLUS

DN 124:197853

TI Identification of TonB homologs in the family Enterobacteriaceae and evidence for conservation of TonB-dependent energy transduction complexes

AU Larsen, Ray A.; Myers, Paul S.; Skare, Jonathan T.; Seachord, Carrie L.; Darveau, Richard P.; Potle, Kathleen

CS Dep. Microbiol. Dep. Biochem. Biophys., Washington State Univ., Pullman, WA, 99164, USA

SO J. Bacteriol. (1996), 178(5), 1363-73  
CODEN: JOBAAY; ISSN: 0021-9193

DT Journal

LA English

L11 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 1995:376374 CAPLUS

DN 122:181312

TI Transmembrane .alpha.-helix interactions are required for the functional assembly of the Escherichia coli Tol complex

AU Lazzaroni, Jean Claude; Vianney, Anne; Popot, Jean Luc; Benedetti, Helene; Samatey, Fadel; Lazdunski, Claude; Portalier, Raymond; Geli, Vincent

CS Laboratoire Microbiologie Genetique Molecular CNRS, Universite Lyon I, Villeurbanne, 69622, Fr.

SO J. Mol. Biol. (1995), 246(1), 1-7  
CODEN: JMOBAK; ISSN: 0022-2836

DT Journal

LA English

L11 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 1992:101755 CAPLUS

DN 116:101755

TI Evolutionary conservativeness of electric field in the copper-zinc superoxide dismutase active site. Evidence for coordinated

mutation of charged amino acid residues

AU Desideri, Alessandro; Falconi, Mattia; Polticelli, Fabio; Bolognesi, Martino; Djinovic, Kristina; Rotilio, Giuseppe

CS Dep. Org. Biol. Chem., Univ. Messina, Messina, 98166, Italy

SO J. Mol. Biol. (1992), 223(1), 337-42

CODEN: JMOBAK; ISSN: 0022-2836

DT Journal

LA English

L11 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 1991:466987 CAPLUS

DN 115:66987

TI The conserved, buried aspartic acid in oxidized Escherichia coli thioredoxin has a pKa of 7.5. Its titration produces a related shift in global stability

AU Langsetmo, Knut; Fuchs, James A.; Woodward, Clare

CS Dep. Biochem., Univ. Minnesota, St. Paul, MN, 55108, USA

SO Biochemistry (1991), 30(30), 7603-9

CODEN: BICHAW; ISSN: 0006-2960

DT Journal

LA English

L11 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 1989:402920 CAPLUS

DN 111:2920

TI Structural significance of an internal water molecule studied by site-directed mutagenesis of tyrosine-67 in rat cytochrome c

AU Luntz, T. L.; Schejter, A.; Garber, E. A. E.; Margoliash, E.

CS Dep. Biochem., Northwestern Univ., Evanston, IL, 60208, USA

SO Proc. Natl. Acad. Sci. U. S. A. (1989), 86(10), 3524-8

CODEN: PNASA6; ISSN: 0027-8424

DT Journal

LA English

L11 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 1989:36105 CAPLUS

DN 110:36105

TI Is the activity-linked electrostatic gradient of bovine copper-zinc superoxide dismutases conserved in homologous enzymes irrespective of the number and distribution of charges?

AU Desideri, Alessandro; Falconi, Mattia; Parisi, Valerio; Morante, Silvia; Rotilio, Giuseppe

CS Dep. Biol., Tor Vergata Univ. Rome, Rome, 00173, Italy

SO Free Radical Biol. Med. (1988), 5(5-6), 313-17

CODEN: FRBMEH; ISSN: 0891-5849

DT Journal

LA English

L11 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2002 ACS

AN 1978:558993 CAPLUS

DN 89:158993

TI Tight packing of protein cores and interfaces. Relation to  
conservative amino acid sequences and stability of protein-  
protein interaction

AU Bello, Jake

CS Dep. Biophys., Roswell Park Mem. Inst., Buffalo, N. Y., USA

SO Int. J. Pept. Protein Res. (1978), 12(1), 38-41

CODEN: IJPPC3; ISSN: 0367-8377

DT Journal

LA English